

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208

11805 SW 26 Street, Room 208 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

MIAMI-DADE COUNTY

NOTICE OF ACCEPTANCE (NOA)

Innovative Window Concepts, LLC 2005 Corporate Drive Boynton Beach, FL 33426

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "2031/2041/2062/2280/2281/2283" Aluminum Horizontal Sliding Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. **W06-83**, titled Series "Aluminum Horiz. Sliding Wdw. (L.M.I.)", sheets 1 through 7 of 7, dated 12/13/06, with revision "**D**" dated 04/20/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Section Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA# 11-1206.02 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

MIAMI-DADE COUNTY
APPROVED

M 5/28/15

NOA No. 14-1208.02 Expiration Date: March 15, 2017 Approval Date: June 04, 2015

Page 1

Innovative Window Concepts, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections. (Submitted under previous NOA No. 07-0103.09)

2. Drawing No. W06–83, titled Series "Aluminum Horiz. Sliding Wdw. (L.M.I.)", sheets 1 through 7 of 7, dated 12/13/06, with revision "D" dated 04/20/15, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94
 - 5) Large Missile Impact Test per FBC, TAS 201-94
 - 6) Cyclic Wind Pressure Loading per FBC, TAS 203-94

along with marked-up drawings and installation diagram of a horizontal sliding window w/IG, prepared by American Test Lab of South Florida, Test Report No. ATLSF-0516.01-11, dated 09/03/14, signed and sealed by Stephen W. Warter, P.E.

- 2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Drop Test per ANSI Z97.1-2009

along with marked-up drawings and installation diagram of a horizontal sliding window, glazed with $^{5}/_{16}$ " HS and $^{7}/_{16}$ " HS laminated glass, prepared by American Test Lab of South Florida, Test Report No. **ATLSF-1023.01-06**, dated 11/17/06, signed and sealed by Henry Hattem, P.E. and William R. Mehner, P.E. (Submitted under NOA No. 07-0103.09)

C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC-5th Edition (2014), dated 12/02/14, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
- 2. Glazing complies with ASTM E1300-04/09

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

Manuel Perez, P.E. Product Control Examiner NOA No. 14-1208.02

Expiration Date: March 15, 2017

Approval Date: June 04, 2015

Innovative Window Concepts, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS

- 1. Notice of Acceptance No. 13–0129.27 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Butacite® PVB Interlayer" dated 04/11/13, expiring on 12/11/16.
- 2. Notice of Acceptance No. 11-0624.02 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont SentryGlas® Interlayer" dated 08/25/11, expiring on 01/14/17.

F. STATEMENTS

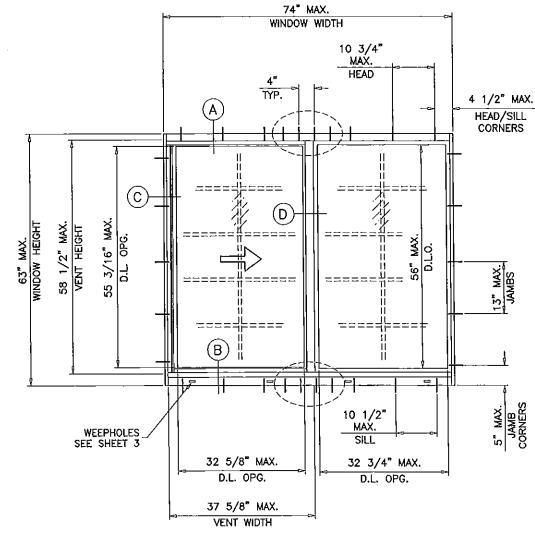
- 1. Statement letter of conformance, complying with FBC-5th Edition (2014), and of no financial interest, dated November 04, 2014, issued by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
- 2. Laboratory compliance letter for Test Report No. ATLSF-0516.01-11, issued by American Test Lab of South Florida, dated 09/03/14, signed and sealed by Stephen W. Warter, P.E.
- 3. Laboratory compliance letter for Test Report No. ATLSF-1023.01-06, issued by American Test Lab of South Florida, dated 11/17/06, signed and sealed by Henry Hattem, P.E. and William R. Mehner, P.E. (Submitted under NOA No. 07-0103.09)

G. OTHERS

1. Notice of Acceptance No. 11-1206.02, issued to Innovative Window Concepts, LLC for their Series 2031/2041/2062 Aluminum Horizontal Sliding Window - L.M.I.", approved on 02/16/12 and expiring on 03/15/17.

Manuel Perez, P.E. Product Control Examiner NOA No. 14-1208.02

Expiration Date: March 15, 2017 Approval Date: June 04, 2015



TYPICAL ELEVATIONS

SERIES 2031/2041/2062 SERIES 2280/2281/2283 ALUMINUM HORIZONTAL SLIDING WINDOW

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.S./H.S. OR HORIZONTAL SLIDING WITH OTHER MIAMI-DADE COUNTY APPR'D WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

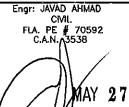
ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.



PRODUCT REVISED as complying with the Florida

as complying with the Florida
Building Code
Acceptance No 14-1208 02
Expiration Date Harch 15, 201
By Manual Product Control

12-13-06 1/2-1 HAMID \<u>\.</u> drawing no.

revisions:
no date
A p6.11.09
B 11.21.11
C 11.03.14
D 04.20.15

AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT

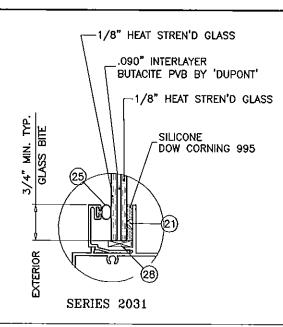
ENGINEERS & PRODUCT I 1235 S.W. 87 AVE MIAMI, FLORIDA 33174 TEL (305) 2648100

INNOVATIVE WINDOW CONCEPTS, L 2005 CORPORATE DRIVE BOYNTON BEACH, FL. 33426 TEL (561) 493-2303 FAX. (561) 493-23

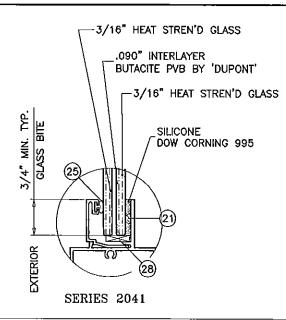
SLIDING WDW.

W06-83

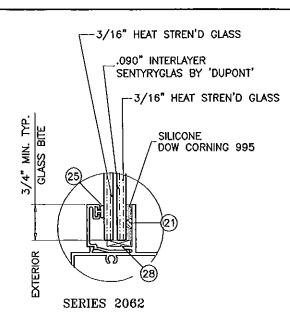
sheet 1 of 7



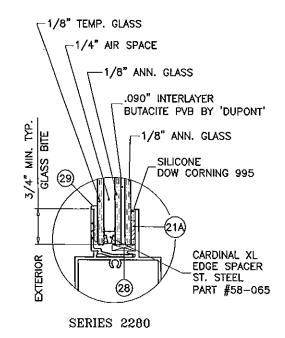
MAXIMUM DESIGN LOAD RATING = + 75.0 PSF (FOR SIZES SHOWN ABOVE OR SMALLER) - 75.0 PSF SERIES 2031



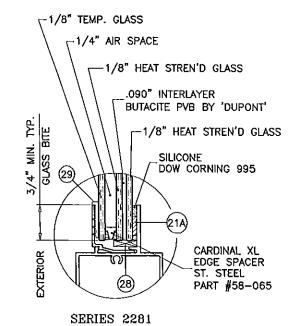
MAXIMUM DESIGN LOAD RATING = + 75.0 PSF (FOR SIZES SHOWN ABOVE OR SMALLER) - 85.0 PSF **SERIES 2041**



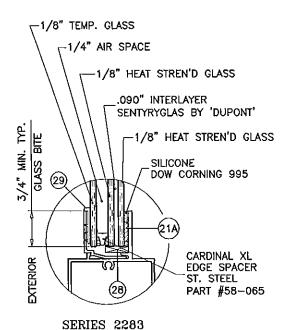
MAXIMUM DESIGN LOAD RATING = + 80.0 PSF (FOR SIZES SHOWN ABOVE OR SMALLER) - 100.0 PSF SERIES 2062



MAXIMUM DESIGN LOAD RATING = + 75.0 PSF (FOR SIZES SHOWN ABOVE OR SMALLER) 75.0 PSF SERIES 2280

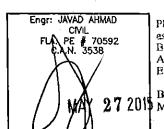


MAXIMUM DESIGN LOAD RATING = + 75.0 PSF (FOR SIZES SHOWN ABOVE OR SMALLER) - 85.0 PSF SERIES 2281



MAXIMUM DESIGN LOAD RATING = + 75.0 PSF (FOR SIZES SHOWN ABOVE OR SMALLER) 100.0 PSF **SERIES 2283**

GLAZING OPTIONS



PRODUCT REVISED as complying with the Florida Building Code

Building Code
Acceptance No 14-1208.02
Expiration Date Harch 15, 2017
By Manuel June
Miami/Dade Product Control

Ŗ ÿ Sk Gh drawing no. W06-83 sheet 2 of 7

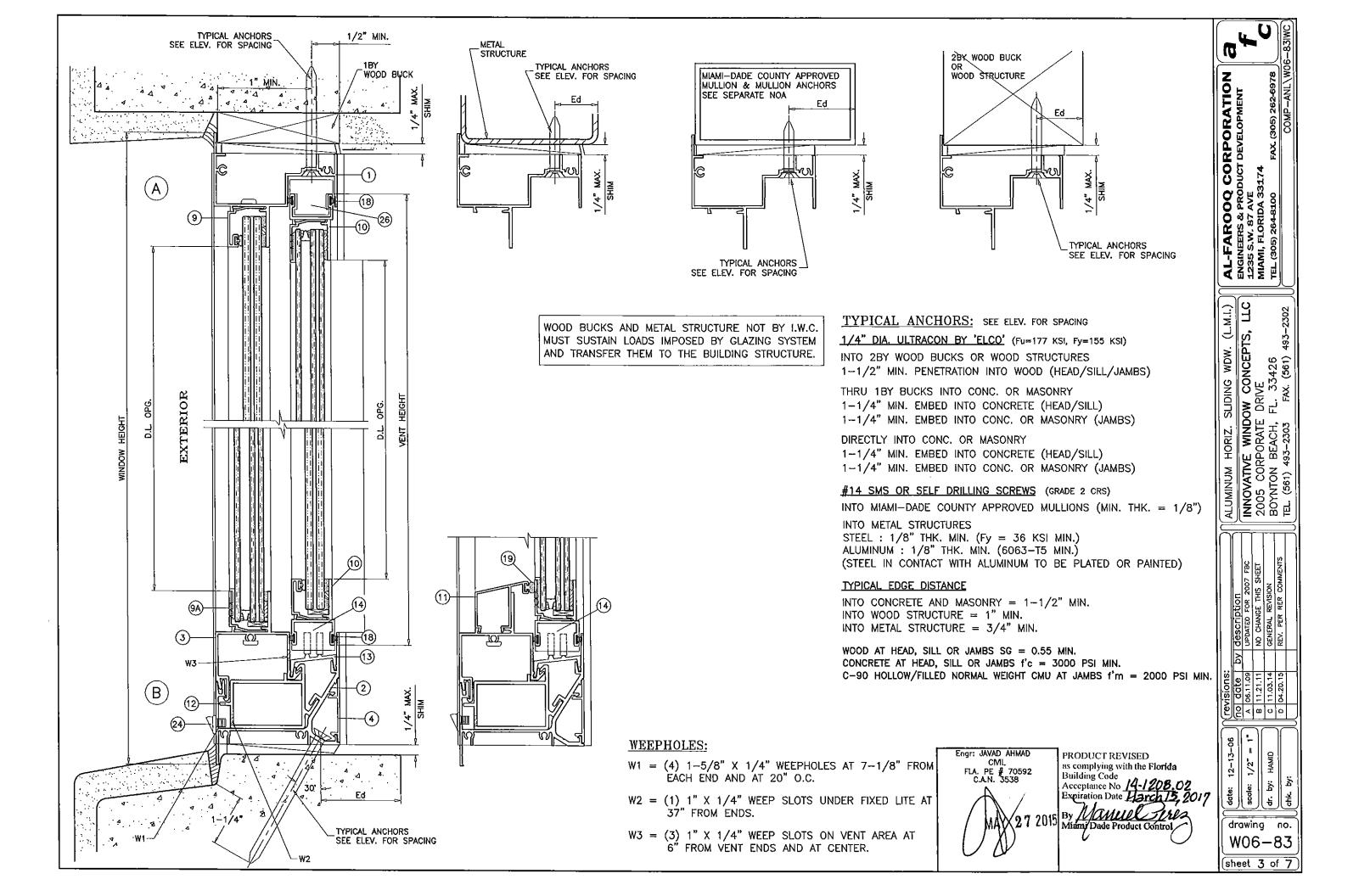
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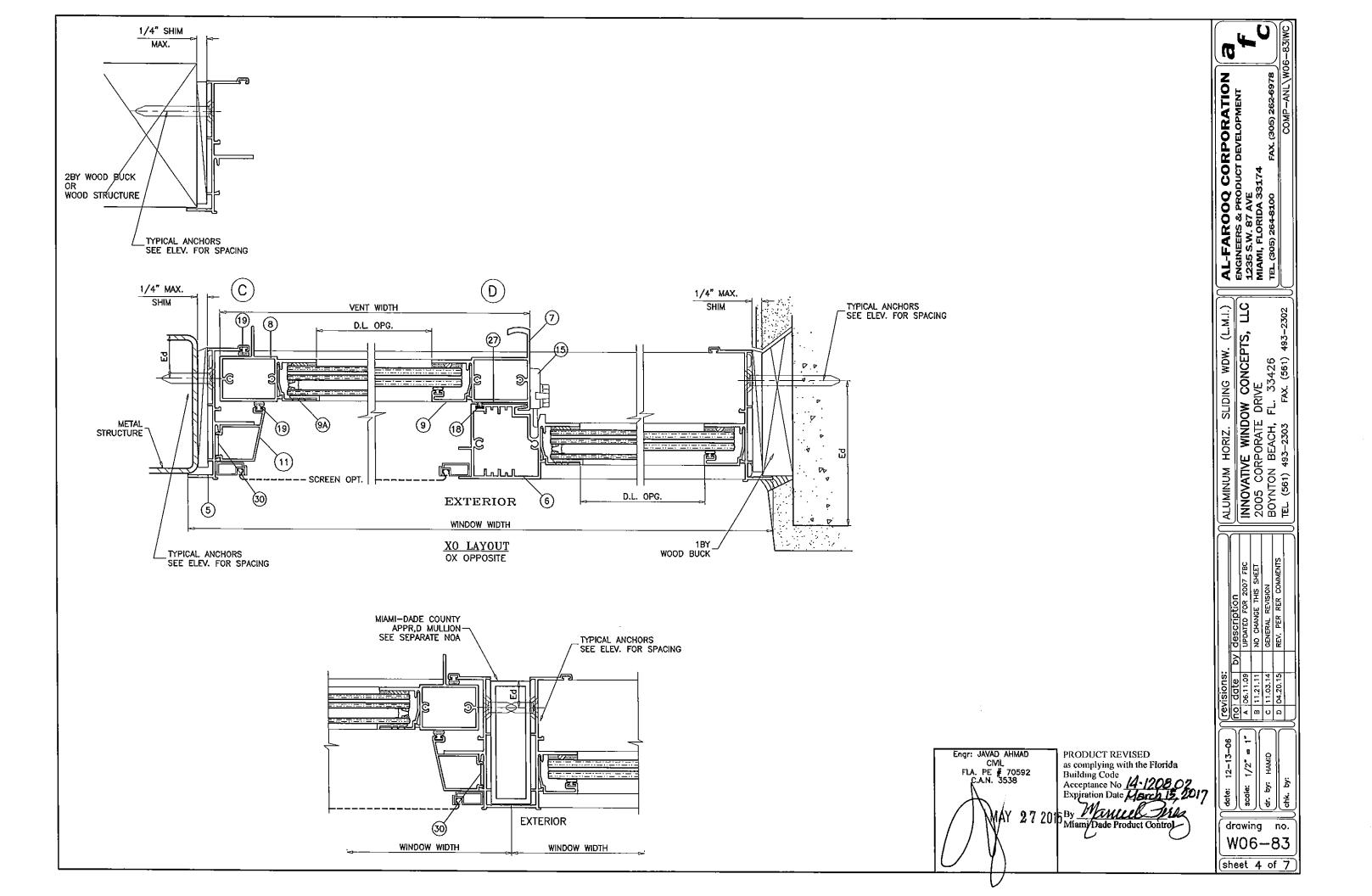
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX. (305) 262-6978

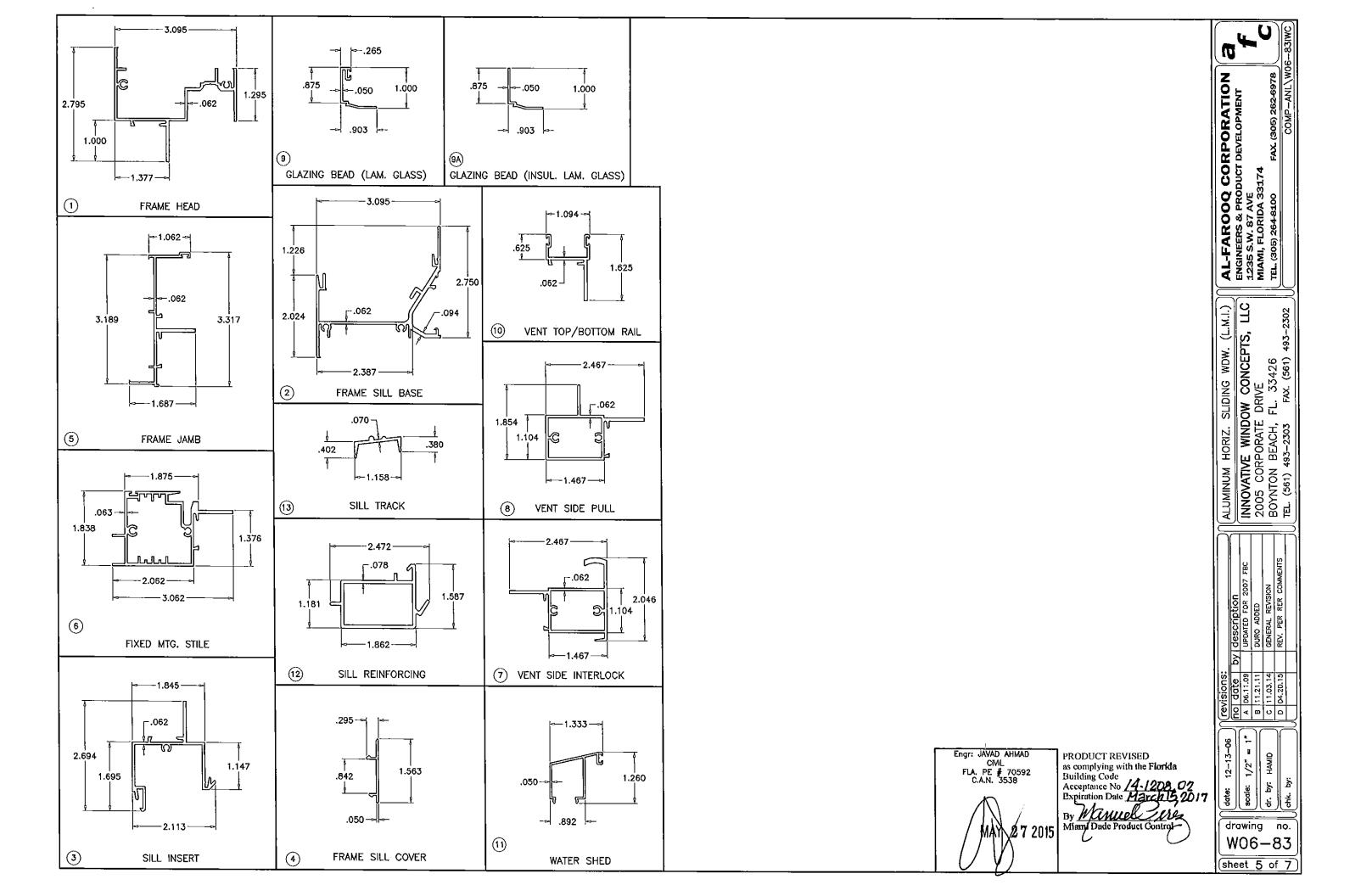
(L.M.I.) S, LLC

INNOVATIVE WINDOW CONCEPTS, 1
2005 CORPORATE DRIVE
BOYNTON BEACH, FL. 33426
TEL (561) 493-233 FAX. (561) 493-23

GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219







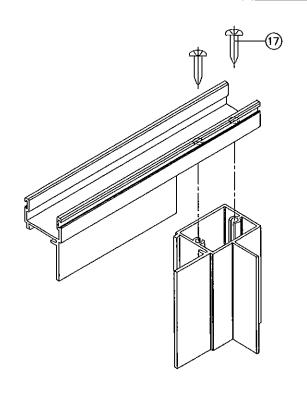
ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	021-100	1	FRAME HEAD	6063-T6	-
2	021-014	1	FRAME SILL BASE	6063-T6	-
3	021-103	11	FRAME SILL INSERT	6063-T5	-
4	021-015	1	FRAME SILL COVER	6063-T5	-
5	021-104	2	FRAME JAMB	6063-T6	-
6	022-102	1/ VENT	FIXED MEETING STILE	6063-T5	-
7	022-004	1/ VENT	VENT SIDE INTERLOCK	6063-T5	-
8	022-019	1/ VENT	VENT SIDE PULL	6063-T5	-
9	021-011	4/ GLASS	GLAZING BEAD (LAM. GLASS)	6063-T5	_
9A	021-105	4/ GLASS	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T5	-
10	021-003	2/ VENT	VENT TOP/BOTTOM RAIL	6063-T5	-
11A	021-106	1/ VENT	WATER SHED	6063-T5	-
12	022-038		SILL REINFORCEMENT, 12" LONG	6063-T5	1/ MTG. RAIL & 1 BELOW FIX.
13	021-058	1	TRACK (1" GAP AT EACH END)	ALUMINUM	-
14	010-004	2/ VENT	WHEEL HOUSING ASSEMBLY	RIGID PVC	M & M PLASTICS
15	004-002	2/_VENT	SWEEP LOCK (PD207)	_	SULLIVAN & ASSOC.
16	008-014	AS REQD.	ASSEMBLY SCREWS	ST/ST	#8 X 1" PH SMS
17	008-031	4	MTG. RAIL ASSEMBLY SCREWS	ST/ST	#10 X 1" PH SMS
18	016-001	AS REQD.	.187 X .160 WOOL PILE W/ FIN SEAL	FELT	ULTRAFAB
19	023-002	AS REQD.	.187 X .270 FOAM FILLED BULB	VINYL	AMESBURY
20	012-004	AS REQD.	GLAZING COMPOUND	SILICONE	DOW 995
21	015-006	AS REQD,	1/8" SPACER	ACRYLIC	FRANK LOWE RUBBER
21A	015-012	AS REQD.	.10" X .40" SQUARE SPACER, DUROMETER 55±5 SHORE A	ACRYLIC	FRANK LOWE RUBBER
22	012-001		SM5504 SEAM SEALER	-	SCHNEE MOREHEAD
23	010-014	AS REQD.	BAFFLE	NYLON	M & M PLASTICS
24	010-015	AS REQD.	WEEP COVER	NYLON	PREFERRED ENGINEERING
25	023-006	AS REQD.	.187 X .250 FOAM FILLED BULB	VINYL	AMESBURY
26	010-002	2/ VENT	END CAP	ACETYL	M & M PLASTICS
27	016-004	1	VELCRO AT BOTTOM END	VELCRO	.50 WIDE X 1.195" LONG X .110 HIGH
28	015-010	2/ LITE	1/8" X 1/2" SETTING BLOCK, DUROMETER 85±5 SHORE A	NEOPRENE	FRANK LOWE RUBBER
29	015-017	4/ LITE	WEDGE GASKET, DUROMETER 90±5 SHORE A	FLEX PVC	MELTPOINT PLASTICS
30	<u> </u>	<u> </u>	LOCK JAMB REINFORCING AT MIDSPAN	6063-T6	1/2" X .078" X 12" LONG

SEALANTS:

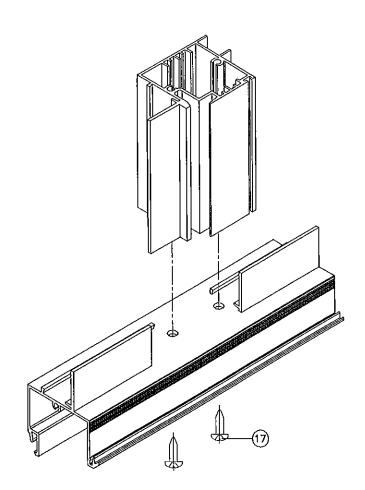
ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SCHNEE MOREHEAD SEAM SEALER SM5504.

> PRODUCT REVISED
>
> as complying with the Florida
>
> Building Code
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> Acceptance No 14-1208, 02
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> Expiration Date Harch 15, 2017
>
> By Manuel Just
>
> MAY 27 20 5 Engr: JAVAD AHMAD CIVIL FLAN PE # 70592 C.A.N. 3538

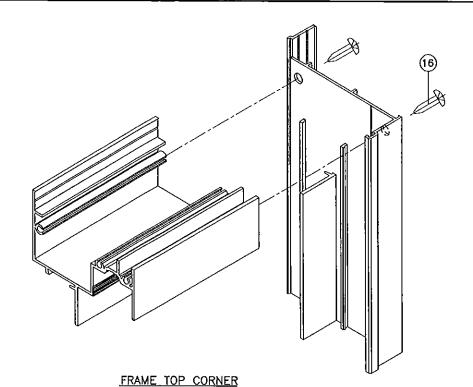
AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 1235 S.W. 87 AVE MIAMI, FLORIDA 33174 TEL. (305) 264 8100 FAX. (305) 262-6978 ALUMINUM HORIZ. SLIDING WDW. (L.M.I.)
INNOVATIVE WINDOW CONCEPTS, LLC
2005 CORPORATE DRIVE
BOYNTON BEACH, FL. 33426
TEL. (561) 493–2303 FAX. (561) 493–2302 | date: 12-13-06 | scale: 1/2" = 1" | dr. by: HAMID | chk. by: drawing no. W06-83 sheet 6 of 7

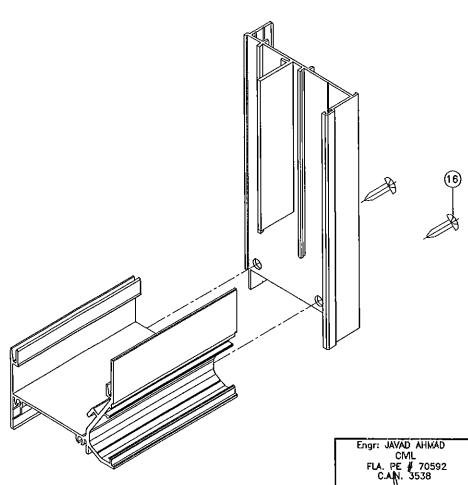


VENT TOP/BOTTOM CORNERS



FIXED MTG. RAIL CORNER





FRAME BOTTOM CORNER

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 14-1208.0
Expiration Date Harch 15.2
MAY 27 2015 Manual Product Control

date: 12–13–1 scale: 1/2" = dr. by: HAMID chk. by:

ROOQ CORPORATION

1235 S.W. 87 AVE MIAMI, FLORIDA 33174 TEL. (305) 264-8100

ALUMINUM HORIZ. SLIDING WDW. (L.M. INNOVATIVE WINDOW CONCEPTS, L. 2005 CORPORATE DRIVE BOYNTON BEACH, FL. 33426
TEL (561) 493-2303 FAX. (561) 493-230

drawing no. W06-83

sheet 7 of 7